

## **Kansas City Region**

## **Kansas City Kansas Region Occupational Trends**

In 2002, total occupational employment was 447,020 and is projected to reach 513,570 in 2012, or 14.9 percent growth over the period. The largest major occupational group for the Kansas City region in 2002 was the **Office and Administrative Support** occupational group, with an employment level of 74,770. The same occupational group is projected to be the largest in the year 2012, employing 80,280. The **Sales and Related** and **Transportation and Material Moving** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Sales and Related** occupational group is expected to have the greatest numerical job growth, 7,230, followed by the **Office and Administrative Support** occupational group, with 5,510. Two occupational groups, **Healthcare Support** and **Building and Grounds Cleaning and Maintenance**, will experience the greatest percent change, 27.2 and 23.8 percent respectively.

The most annual openings are expected in the **Sales and Related** occupational group with 2,380, followed by the **Office and Administrative Support** occupational group with 2,270 annual openings. Within the **Sales and Related** occupational group, **retail salespersons** are projected to have the most annual openings, with 720, followed by **cashiers**, with 640 annual openings.

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All Kansas City Occupations</u></b>	<b><u>447,020</u></b>	<b><u>513,570</u></b>	<b><u>66,550</u></b>	<b><u>14.9</u></b>	<b><u>16,610</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>34,160</b>	<b>38,120</b>	<b>3,960</b>	<b>11.6</b>	<b>860</b>
11-1011	Chief Executives	1,690	2,020	330	19.5	60
11-1021	General & Operations Managers	5,660	6,690	1,030	18.2	210
11-1031	Legislators	180	200	20	11.1	0
11-2011	Advertising & Promotions Managers	200	260	60	30.0	10
11-2021	Marketing Managers	550	670	120	21.8	20
11-2022	Sales Managers	1,090	1,410	320	29.4	50
11-2031	Public Relations Managers	140	170	30	21.4	0
11-3011	Administrative Services Managers	690	820	130	18.8	20
11-3021	Computer & Information Systems Managers	870	1,130	260	29.9	50
11-3031	Financial Managers	1,440	1,670	230	16.0	40
11-3040	Human Resources Managers	460	540	80	17.4	20
11-3051	Industrial Production Managers	490	550	60	12.2	20
11-3061	Purchasing Managers	220	230	10	4.5	10
11-3071	Transportation, Storage, & Distribution Managers	370	450	80	21.6	20
11-9011	Farm, Ranch, & Other Agricultural Managers	70	80	10	14.3	0
11-9012	Farmers & Ranchers	12,990	13,040	50	0.4	60
11-9021	Construction Managers	810	940	130	16.0	30
11-9031	Education Administrators, Preschool & Child Care	110	120	10	9.1	0
11-9032	Education Administrators, Elementary & Secondary School	630	790	160	25.4	40
11-9033	Education Administrators, Postsecondary	110	130	20	18.2	0
11-9039	Education Administrators, All Other	40	50	10	25.0	0
11-9041	Engineering Managers	740	900	160	21.6	40
11-9051	Food Service Managers	800	920	120	15.0	20
11-9061	Funeral Directors	310	320	10	3.2	10
11-9081	Lodging Managers	80	80	0	0.0	0
11-9111	Medical & Health Services Managers	780	980	200	25.6	40
11-9121	Natural Sciences Managers	120	130	10	8.3	0
11-9131	Postmasters & Mail Superintendents	160	200	40	25.0	0
11-9141	Property, Real Estate, & Community Association Managers	430	510	80	18.6	20
11-9151	Social & Community Service Managers	190	220	30	15.8	0
11-9199	Managers, All Other	1,740	1,900	160	9.2	50
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>19,070</b>	<b>22,170</b>	<b>3,100</b>	<b>16.3</b>	<b>660</b>
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	40	50	10	25.0	0
13-1021	Purchasing Agents & Buyers, Farm Products	60	70	10	16.7	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	700	710	10	1.4	20
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	690	790	100	14.5	30
13-1031	Claims Adjusters, Examiners, & Investigators	1,190	1,340	150	12.6	40
13-1032	Insurance Appraisers, Auto Damage	60	60	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	480	510	30	6.3	10
13-1051	Cost Estimators	830	1,020	190	22.9	40
13-1061	Emergency Management Specialists	30	40	10	33.3	0
13-1071	Employment, Recruitment, & Placement Specialists	580	680	100	17.2	20
13-1072	Compensation, Benefits, & Job Analysis Specialists	510	640	130	25.5	20
13-1073	Training & Development Specialists	660	800	140	21.2	20
13-1111	Management Analysts	2,150	2,660	510	23.7	80
13-1121	Meeting & Convention Planners	150	170	20	13.3	0

**Kansas City Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-1199	Business Operations Specialists, All Other	2,770	3,300	530	19.1	100
13-2011	Accountants & Auditors	3,060	3,690	630	20.6	120
13-2021	Appraisers & Assessors of Real Estate	290	330	40	13.8	10
13-2031	Budget Analysts	130	140	10	7.7	0
13-2041	Credit Analysts	220	240	20	9.1	0
13-2051	Financial Analysts	1,360	1,470	110	8.1	30
13-2052	Personal Financial Advisors	400	500	100	25.0	20
13-2053	Insurance Underwriters	530	560	30	5.7	10
13-2061	Financial Examiners	70	70	0	0.0	0
13-2071	Loan Counselors	40	50	10	25.0	0
13-2072	Loan Officers	1,370	1,520	150	10.9	40
13-2081	Tax Examiners, Collectors, & Revenue Agents	260	230	-30	-11.5	10
13-2082	Tax Preparers	170	230	60	35.3	10
13-2099	Financial Specialists, All Other	270	300	30	11.1	10
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>16,290</b>	<b>19,720</b>	<b>3,430</b>	<b>21.1</b>	<b>570</b>
15-1011	Computer & Information Scientists, Research	60	70	10	16.7	0
15-1021	Computer Programmers	2,200	2,280	80	3.6	60
15-1031	Computer Software Engineers, Applications	4,150	4,960	810	19.5	120
15-1032	Computer Software Engineers, Systems Software	970	1,350	380	39.2	50
15-1041	Computer Support Specialists	2,170	2,640	470	21.7	80
15-1051	Computer Systems Analysts	3,060	3,780	720	23.5	110
15-1061	Database Administrators	510	680	170	33.3	30
15-1071	Network & Computer Systems Administrators	1,380	1,750	370	26.8	60
15-1081	Network Systems & Data Communications Analysts	700	970	270	38.6	40
15-1099	Computer Specialists, All Other	440	560	120	27.3	20
15-2011	Actuaries	100	110	10	10.0	0
15-2031	Operations Research Analysts	480	490	10	2.1	10
15-2041	Statisticians	50	60	10	20.0	0
15-2091	Mathematical Technicians	10	10	0	0.0	0
15-2099	Mathematical Science Occupations, All Other	10	10	0	0.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>11,400</b>	<b>13,420</b>	<b>2,020</b>	<b>17.7</b>	<b>440</b>
17-1011	Architects, Except Landscape & Naval	480	720	240	50.0	30
17-1012	Landscape Architects	80	100	20	25.0	0
17-1021	Cartographers & Photogrammetrists	180	250	70	38.9	20
17-1022	Surveyors	230	290	60	26.1	20
17-2011	Aerospace Engineers	180	230	50	27.8	10
17-2021	Agricultural Engineers	10	20	10	100.0	0
17-2031	Biomedical Engineers	20	20	0	0.0	0
17-2041	Chemical Engineers	90	120	30	33.3	0
17-2051	Civil Engineers	830	1,060	230	27.7	30
17-2061	Computer Hardware Engineers	280	300	20	7.1	10
17-2071	Electrical Engineers	510	590	80	15.7	20
17-2072	Electronics Engineers, Except Computer	4,180	4,410	230	5.5	100
17-2081	Environmental Engineers	120	170	50	41.7	10
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	70	90	20	28.6	0
17-2112	Industrial Engineers	250	290	40	16.0	10
17-2131	Materials Engineers	30	30	0	0.0	0
17-2141	Mechanical Engineers	730	880	150	20.5	40
17-2161	Nuclear Engineers	10	10	0	0.0	0
17-2171	Petroleum Engineers	10	10	0	0.0	0

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
17-2199	Engineers, All Other	220	250	30	13.6	0
17-3011	Architectural & Civil Drafters	550	700	150	27.3	40
17-3012	Electrical & Electronics Drafters	190	200	10	5.3	10
17-3013	Mechanical Drafters	370	410	40	10.8	10
17-3021	Aerospace Engineering & Operations Technicians	20	20	0	0.0	0
17-3022	Civil Engineering Technicians	580	730	150	25.9	30
17-3023	Electrical & Electronic Engineering Technicians	480	570	90	18.8	20
17-3024	Electro-Mechanical Technicians	30	40	10	33.3	0
17-3025	Environmental Engineering Technicians	40	50	10	25.0	0
17-3026	Industrial Engineering Technicians	90	110	20	22.2	0
17-3027	Mechanical Engineering Technicians	110	130	20	18.2	0
17-3031	Surveying & Mapping Technicians	300	460	160	53.3	30
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	130	160	30	23.1	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>3,170</b>	<b>3,610</b>	<b>440</b>	<b>13.9</b>	<b>80</b>
19-1010	Agricultural & Food Scientists	50	50	0	0.0	0
19-1021	Biochemists & Biophysicists	40	50	10	25.0	0
19-1022	Microbiologists	40	40	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	70	60	-10	-14.3	0
19-1041	Epidemiologists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	120	160	40	33.3	0
19-1099	Life Scientists, All Other	70	60	-10	-14.3	0
19-2012	Physicists	10	10	0	0.0	0
19-2021	Atmospheric & Space Scientists	30	30	0	0.0	0
19-2031	Chemists	200	230	30	15.0	10
19-2032	Materials Scientists	10	10	0	0.0	0
19-2041	Environmental Scientists & Specialists, Including Health	240	300	60	25.0	10
19-2042	Geoscientists, Except Hydrologists & Geographers	70	90	20	28.6	0
19-2043	Hydrologists	20	20	0	0.0	0
19-2099	Physical Scientists, All Other	70	70	0	0.0	0
19-3011	Economists	10	10	0	0.0	0
19-3021	Market Research Analysts	890	1,000	110	12.4	30
19-3022	Survey Researchers	80	100	20	25.0	0
19-3031	Clinical, Counseling, & School Psychologists	350	410	60	17.1	20
19-3051	Urban & Regional Planners	30	40	10	33.3	0
19-3093	Historians	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	130	120	-10	-7.7	0
19-4011	Agricultural & Food Science Technicians	30	30	0	0.0	0
19-4021	Biological Technicians	70	90	20	28.6	0
19-4031	Chemical Technicians	140	160	20	14.3	0
19-4041	Geological & Petroleum Technicians	10	10	0	0.0	0
19-4051	Nuclear Technicians	10	10	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including Health	110	160	50	45.5	10
19-4092	Forensic Science Technicians	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	80	70	-10	-12.5	0
19-4099	Life, Physical, & Social Science Technicians, All Other	140	160	20	14.3	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>5,810</b>	<b>6,880</b>	<b>1,070</b>	<b>18.4</b>	<b>220</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	90	100	10	11.1	0
21-1012	Educational, Vocational, & School Counselors	480	550	70	14.6	20
21-1013	Marriage & Family Therapists	130	140	10	7.7	0

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		2002	2012	Number	Percent	
21-1014	Mental Health Counselors	120	130	10	8.3	0
21-1015	Rehabilitation Counselors	260	310	50	19.2	20
21-1021	Child, Family, & School Social Workers	470	550	80	17.0	20
21-1022	Medical & Public Health Social Workers	240	310	70	29.2	10
21-1023	Mental Health & Substance Abuse Social Workers	280	340	60	21.4	20
21-1091	Health Educators	50	60	10	20.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	150	170	20	13.3	0
21-1093	Social & Human Service Assistants	940	1,230	290	30.9	50
21-2011	Clergy	1,700	1,900	200	11.8	60
21-2021	Directors, Religious Activities & Education	400	480	80	20.0	10
21-9099	Counselors, Social, & Religious Workers, All Other	500	610	110	22.0	20
<b>23-0000</b>	<b>Legal Occupations</b>	<b>2,500</b>	<b>2,930</b>	<b>430</b>	<b>17.2</b>	<b>60</b>
23-1011	Lawyers	1,100	1,350	250	22.7	40
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	20	20	0	0.0	0
23-1022	Arbitrators, Mediators, & Conciliators	10	10	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	50	60	10	20.0	0
23-2011	Paralegals & Legal Assistants	490	670	180	36.7	20
23-2091	Court Reporters	50	70	20	40.0	0
23-2092	Law Clerks	60	70	10	16.7	0
23-2093	Title Examiners, Abstractors, & Searchers	250	240	-10	-4.0	0
23-9099	Legal & Related Workers, All Other	470	440	-30	-6.4	10
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>19,890</b>	<b>24,530</b>	<b>4,640</b>	<b>23.3</b>	<b>870</b>
25-1011	Business Teachers, Postsecondary	110	140	30	27.3	0
25-1021	Computer Science Teachers, Postsecondary	100	140	40	40.0	0
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27.3	0
25-1031	Architecture Teachers, Postsecondary	10	10	0	0.0	0
25-1032	Engineering Teachers, Postsecondary	40	50	10	25.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	30	40	10	33.3	0
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25.0	0
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	10	10	0	0.0	0
25-1052	Chemistry Teachers, Postsecondary	20	30	10	50.0	0
25-1054	Physics Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	30	40	10	33.3	0
25-1064	Geography Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Political Science Teachers, Postsecondary	20	20	0	0.0	0
25-1066	Psychology Teachers, Postsecondary	50	70	20	40.0	0
25-1067	Sociology Teachers, Postsecondary	30	40	10	33.3	0
25-1071	Health Specialties Teachers, Postsecondary	80	110	30	37.5	0
25-1072	Nursing Instructors & Teachers, Postsecondary	60	80	20	33.3	0
25-1081	Education Teachers, Postsecondary	30	40	10	33.3	0
25-1082	Library Science Teachers, Postsecondary	10	10	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	20	30	10	50.0	0
25-1112	Law Teachers, Postsecondary	10	10	0	0.0	0
25-1113	Social Work Teachers, Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	130	170	40	30.8	0
25-1122	Communications Teachers, Postsecondary	40	60	20	50.0	0
25-1123	English Language & Literature Teachers, Postsecondary	120	160	40	33.3	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	80	110	30	37.5	0

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2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-1125	History Teachers, Postsecondary	50	70	20	40.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	20	30	10	50.0	0
25-1191	Graduate Teaching Assistants	20	30	10	50.0	0
25-1192	Home Economics Teachers, Postsecondary	20	20	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	50	60	10	20.0	0
25-1194	Vocational Education Teachers, Postsecondary	230	300	70	30.4	20
25-1199	Postsecondary Teachers, All Other	370	470	100	27.0	20
25-2011	Preschool Teachers, Except Special Education	630	770	140	22.2	20
25-2012	Kindergarten Teachers, Except Special Education	450	580	130	28.9	20
25-2021	Elementary School Teachers, Except Special Education	4,700	5,560	860	18.3	190
25-2022	Middle School Teachers, Except Special & Vocational Education	2,200	2,470	270	12.3	80
25-2023	Vocational Education Teachers, Middle School	50	60	10	20.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	3,240	3,940	700	21.6	160
25-2032	Vocational Education Teachers, Secondary School	480	540	60	12.5	20
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	660	880	220	33.3	40
25-2042	Special Education Teachers, Middle School	310	420	110	35.5	20
25-2043	Special Education Teachers, Secondary School	460	610	150	32.6	30
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	180	220	40	22.2	0
25-3021	Self-Enrichment Education Teachers	370	480	110	29.7	20
25-3999	Teachers, Primary, Secondary, & Adult, All Other	1,680	2,410	730	43.5	90
25-4010	Archivists, Curators, & Museum Technicians	50	50	0	0.0	0
25-4021	Librarians	430	470	40	9.3	10
25-4031	Library Technicians	280	340	60	21.4	20
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0	0
25-9021	Farm & Home Management Advisors	40	50	10	25.0	0
25-9031	Instructional Coordinators	270	340	70	25.9	10
25-9041	Teacher Assistants	1,350	1,660	310	23.0	60
25-9199	Library, Museum, Training, & Other Education Workers, All Other	40	40	0	0.0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>6,460</b>	<b>7,510</b>	<b>1,050</b>	<b>16.3</b>	<b>230</b>
27-1011	Art Directors	100	110	10	10.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	30	30	0	0.0	0
27-1014	Multi-Media Artists & Animators	140	160	20	14.3	0
27-1021	Commercial & Industrial Designers	90	110	20	22.2	0
27-1022	Fashion Designers	10	20	10	100.0	0
27-1023	Floral Designers	380	420	40	10.5	10
27-1024	Graphic Designers	640	780	140	21.9	20
27-1025	Interior Designers	190	240	50	26.3	10
27-1026	Merchandise Displayers & Window Trimmers	230	270	40	17.4	0
27-1027	Set & Exhibit Designers	10	10	0	0.0	0
27-1099	Art & Design Workers, All Other	230	250	20	8.7	0
27-2011	Actors	40	40	0	0.0	0
27-2012	Producers & Directors	120	130	10	8.3	0
27-2021	Athletes & Sports Competitors	20	30	10	50.0	0
27-2022	Coaches & Scouts	700	850	150	21.4	30
27-2023	Umpires, Referees, & Other Sports Officials	90	110	20	22.2	0

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		2002	2012	Number	Percent	
27-2031	Dancers	30	30	0	0.0	0
27-2032	Choreographers	130	150	20	15.4	10
27-2041	Music Directors & Composers	150	170	20	13.3	0
27-2042	Musicians & Singers	410	490	80	19.5	20
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	10	10	0	0.0	0
27-3010	Announcers	220	200	-20	-9.1	10
27-3020	News Analysts, Reporters & Correspondents	220	240	20	9.1	10
27-3031	Public Relations Specialists	700	900	200	28.6	30
27-3041	Editors	340	380	40	11.8	10
27-3042	Technical Writers	180	210	30	16.7	10
27-3043	Writers & Authors	320	350	30	9.4	10
27-3091	Interpreters & Translators	60	80	20	33.3	0
27-3099	Media & Communication Workers, All Other	90	100	10	11.1	0
27-4011	Audio & Video Equipment Technicians	60	80	20	33.3	0
27-4012	Broadcast Technicians	70	80	10	14.3	0
27-4013	Radio Operators	20	10	-10	-50.0	0
27-4014	Sound Engineering Technicians	20	20	0	0.0	0
27-4021	Photographers	280	310	30	10.7	10
27-4031	Camera Operators, Television, Video, & Motion Picture	40	40	0	0.0	0
27-4032	Film & Video Editors	30	30	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	60	70	10	16.7	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>22,170</b>	<b>27,090</b>	<b>4,920</b>	<b>22.2</b>	<b>870</b>
29-1011	Chiropractors	180	200	20	11.1	0
29-1020	Dentists	410	410	0	0.0	10
29-1031	Dietitians & Nutritionists	120	140	20	16.7	0
29-1041	Optometrists	100	100	0	0.0	0
29-1051	Pharmacists	670	890	220	32.8	30
29-1061	Anesthesiologists	270	300	30	11.1	0
29-1062	Family & General Practitioners	670	720	50	7.5	20
29-1063	Internists, General	250	270	20	8.0	0
29-1064	Obstetricians & Gynecologists	160	170	10	6.3	0
29-1065	Pediatricians, General	210	220	10	4.8	0
29-1066	Psychiatrists	260	270	10	3.8	0
29-1067	Surgeons	580	620	40	6.9	10
29-1069	Physicians & Surgeons, All Other	280	300	20	7.1	0
29-1071	Physician Assistants	170	240	70	41.2	10
29-1081	Podiatrists	30	30	0	0.0	0
29-1111	Registered Nurses	7,860	9,990	2,130	27.1	370
29-1121	Audiologists	10	20	10	100.0	0
29-1122	Occupational Therapists	230	290	60	26.1	10
29-1123	Physical Therapists	310	390	80	25.8	10
29-1124	Radiation Therapists	30	40	10	33.3	0
29-1125	Recreational Therapists	50	50	0	0.0	0
29-1126	Respiratory Therapists	430	570	140	32.6	20
29-1127	Speech-Language Pathologists	280	350	70	25.0	20
29-1131	Veterinarians	380	430	50	13.2	20
29-1199	Health Diagnosing & Treating Practitioners, All Other	210	260	50	23.8	20
29-2011	Medical & Clinical Laboratory Technologists	750	930	180	24.0	40
29-2012	Medical & Clinical Laboratory Technician	700	840	140	20.0	30
29-2021	Dental Hygienists	500	660	160	32.0	20



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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-2031	Cardiovascular Technologists & Technicians	160	220	60	37.5	10
29-2032	Diagnostic Medical Sonographers	140	170	30	21.4	0
29-2033	Nuclear Medicine Technologists	40	50	10	25.0	0
29-2034	Radiologic Technologists & Technicians	540	660	120	22.2	20
29-2041	Emergency Medical Technicians & Paramedics	650	760	110	16.9	20
29-2051	Dietetic Technicians	80	100	20	25.0	0
29-2052	Pharmacy Technicians	640	830	190	29.7	30
29-2053	Psychiatric Technicians	80	80	0	0.0	0
29-2054	Respiratory Therapy Technicians	70	90	20	28.6	0
29-2055	Surgical Technologists	210	270	60	28.6	10
29-2056	Veterinary Technologists & Technicians	190	270	80	42.1	10
29-2061	Licensed Practical & Licensed Vocational Nurses	1,920	2,180	260	13.5	70
29-2071	Medical Records & Health Information Technicians	620	890	270	43.5	40
29-2081	Opticians, Dispensing	260	270	10	3.8	10
29-2091	Orthotists & Prosthetists	10	10	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	80	90	10	12.5	0
29-9091	Athletic Trainers	90	90	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	290	360	70	24.1	20
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>10,330</b>	<b>13,140</b>	<b>2,810</b>	<b>27.2</b>	<b>450</b>
31-1011	Home Health Aides	830	1,030	200	24.1	30
31-1012	Nursing Aides, Orderlies, & Attendants	5,290	6,620	1,330	25.1	200
31-1013	Psychiatric Aides	390	470	80	20.5	20
31-2011	Occupational Therapist Assistants	40	60	20	50.0	0
31-2012	Occupational Therapist Aides	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	210	290	80	38.1	10
31-2022	Physical Therapist Aides	100	130	30	30.0	0
31-9011	Massage Therapists	120	140	20	16.7	0
31-9091	Dental Assistants	960	1,280	320	33.3	60
31-9092	Medical Assistants	850	1,260	410	48.2	60
31-9093	Medical Equipment Preparers	230	290	60	26.1	10
31-9094	Medical Transcriptionists	350	410	60	17.1	20
31-9095	Pharmacy Aides	160	190	30	18.8	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	420	530	110	26.2	20
31-9099	Healthcare Support Workers, All Other	370	430	60	16.2	20
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>5,830</b>	<b>6,820</b>	<b>990</b>	<b>17.0</b>	<b>260</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	60	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	290	330	40	13.8	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	140	160	20	14.3	10
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	120	150	30	25.0	0
33-2011	Fire Fighters	600	690	90	15.0	30
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	820	920	100	12.2	30
33-3021	Detectives & Criminal Investigators	140	150	10	7.1	0
33-3041	Parking Enforcement Workers	10	10	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	1,160	1,320	160	13.8	50
33-3052	Transit & Railroad Police	10	10	0	0.0	0
33-9011	Animal Control Workers	50	50	0	0.0	0
33-9021	Private Detectives & Investigators	100	110	10	10.0	0

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
33-9031	Gaming Surveillance Officers & Gaming Investigators	10	10	0	0.0	0
33-9032	Security Guards	1,720	2,160	440	25.6	80
33-9091	Crossing Guards	110	140	30	27.3	0
33-9099	Protective Service Workers, All Other	470	530	60	12.8	40
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>30,410</b>	<b>35,650</b>	<b>5,240</b>	<b>17.2</b>	<b>1,740</b>
35-1011	Chefs & Head Cooks	330	390	60	18.2	20
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	2,410	2,870	460	19.1	110
35-2011	Cooks, Fast Food	2,100	2,300	200	9.5	90
35-2012	Cooks, Institution & Cafeteria	1,990	2,010	20	1.0	60
35-2013	Cooks, Private Household	10	10	0	0.0	0
35-2014	Cooks, Restaurant	2,130	2,530	400	18.8	110
35-2015	Cooks, Short Order	860	950	90	10.5	40
35-2021	Food Preparation Workers	2,570	3,120	550	21.4	150
35-3011	Bartenders	1,130	1,240	110	9.7	60
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	5,550	6,980	1,430	25.8	380
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	1,200	1,370	170	14.2	100
35-3031	Waiters & Waitresses	6,590	7,850	1,260	19.1	470
35-3041	Food Servers, Nonrestaurant	520	570	50	9.6	30
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	680	790	110	16.2	30
35-9021	Dishwashers	1,200	1,310	110	9.2	50
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	950	1,150	200	21.1	50
35-9099	Food Preparation & Serving Related Workers, All Other	190	210	20	10.5	10
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>14,320</b>	<b>17,730</b>	<b>3,410</b>	<b>23.8</b>	<b>600</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	580	690	110	19.0	20
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	420	510	90	21.4	10
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	6,920	8,560	1,640	23.7	290
37-2012	Maids & Housekeeping Cleaners	2,540	3,060	520	20.5	100
37-2021	Pest Control Workers	240	300	60	25.0	10
37-3011	Landscaping & Groundskeeping Workers	3,380	4,330	950	28.1	170
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	150	170	20	13.3	0
37-3013	Tree Trimmers & Pruners	30	40	10	33.3	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	60	70	10	16.7	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>13,120</b>	<b>15,300</b>	<b>2,180</b>	<b>16.6</b>	<b>510</b>
39-1011	Gaming Supervisors	10	10	0	0.0	0
39-1012	Slot Key Persons	20	30	10	50.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	610	690	80	13.1	30
39-2011	Animal Trainers	20	20	0	0.0	0
39-2021	Nonfarm Animal Caretakers	370	450	80	21.6	20
39-3011	Gaming Dealers	20	30	10	50.0	0
39-3012	Gaming & Sports Book Writers & Runners	70	90	20	28.6	0
39-3021	Motion Picture Projectionists	40	30	-10	-25.0	0

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
39-3031	Ushers, Lobby Attendants, & Ticket Takers	440	470	30	6.8	30
39-3091	Amusement & Recreation Attendants	580	700	120	20.7	30
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	110	140	30	27.3	0
39-3199	Gaming Workers, All Other	140	170	30	21.4	0
39-4011	Embalmers	210	210	0	0.0	0
39-4021	Funeral Attendants	40	50	10	25.0	0
39-5011	Barbers	360	370	10	2.8	10
39-5012	Hairdressers, Hairstylists, & Cosmetologists	2,930	3,190	260	8.9	90
39-5092	Manicurists & Pedicurists	180	210	30	16.7	0
39-5093	Shampooers	90	100	10	11.1	0
39-5094	Skin Care Specialists	160	170	10	6.3	0
39-6011	Baggage Porters & Bellhops	30	30	0	0.0	0
39-6012	Concierges	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	20	20	0	0.0	0
39-6031	Flight Attendants	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	140	170	30	21.4	0
39-9011	Child Care Workers	3,070	3,600	530	17.3	130
39-9021	Personal & Home Care Aides	2,240	2,780	540	24.1	90
39-9031	Fitness Trainers & Aerobics Instructors	590	810	220	37.3	30
39-9032	Recreation Workers	480	570	90	18.8	20
39-9041	Residential Advisors	30	40	10	33.3	0
39-9099	Personal Care & Service Workers, All Other	100	120	20	20.0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>53,970</b>	<b>61,200</b>	<b>7,230</b>	<b>13.4</b>	<b>2,380</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4,640	5,330	690	14.9	150
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,720	2,000	280	16.3	60
41-2011	Cashiers	9,820	11,370	1,550	15.8	640
41-2012	Gaming Change Persons & Booth Cashiers	20	20	0	0.0	0
41-2021	Counter & Rental Clerks	1,700	2,130	430	25.3	110
41-2022	Parts Salespersons	810	790	-20	-2.5	20
41-2031	Retail Salespersons	14,180	16,130	1,950	13.8	720
41-3011	Advertising Sales Agents	570	690	120	21.1	20
41-3021	Insurance Sales Agents	4,730	4,900	170	3.6	130
41-3031	Securities, Commodities, & Financial Services Sales Agents	730	760	30	4.1	10
41-3041	Travel Agents	160	190	30	18.8	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	1,570	1,780	210	13.4	60
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	5,480	6,400	920	16.8	230
41-9011	Demonstrators & Product Promoters	320	410	90	28.1	20
41-9021	Real Estate Brokers	670	710	40	6.0	10
41-9022	Real Estate Sales Agents	1,800	1,860	60	3.3	50
41-9031	Sales Engineers	240	280	40	16.7	10
41-9041	Telemarketers	2,060	2,170	110	5.3	40
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	150	160	10	6.7	0
41-9099	Sales & Related Workers, All Other	2,600	3,120	520	20.0	100

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>74,770</b>	<b>80,280</b>	<b>5,510</b>	<b>7.4</b>	<b>2,270</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	5,080	5,360	280	5.5	140
43-2011	Switchboard Operators, Including Answering Service	700	710	10	1.4	20
43-2021	Telephone Operators	60	30	-30	-50.0	0
43-2099	Communications Equipment Operators, All Other	20	20	0	0.0	0
43-3011	Bill & Account Collectors	1,390	1,870	480	34.5	80
43-3021	Billing & Posting Clerks & Machine Operators	1,910	1,980	70	3.7	40
43-3031	Bookkeeping, Accounting, & Auditing Clerks	7,020	7,350	330	4.7	160
43-3041	Gaming Cage Workers	10	10	0	0.0	0
43-3051	Payroll & Timekeeping Clerks	630	670	40	6.3	20
43-3061	Procurement Clerks	270	250	-20	-7.4	10
43-3071	Tellers	1,840	1,990	150	8.2	110
43-4011	Brokerage Clerks	70	60	-10	-14.3	0
43-4021	Correspondence Clerks	120	110	-10	-8.3	0
43-4031	Court, Municipal, & License Clerks	210	220	10	4.8	10
43-4041	Credit Authorizers, Checkers, & Clerks	230	210	-20	-8.7	0
43-4051	Customer Service Representatives	7,200	8,770	1,570	21.8	270
43-4061	Eligibility Interviewers, Government Programs	90	100	10	11.1	0
43-4071	File Clerks	830	810	-20	-2.4	30
43-4081	Hotel, Motel, & Resort Desk Clerks	380	480	100	26.3	30
43-4111	Interviewers, Except Eligibility & Loan	630	830	200	31.7	40
43-4121	Library Assistants, Clerical	330	380	50	15.2	20
43-4131	Loan Interviewers & Clerks	610	500	-110	-18.0	10
43-4141	New Accounts Clerks	320	350	30	9.4	10
43-4151	Order Clerks	1,310	1,190	-120	-9.2	30
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	480	560	80	16.7	20
43-4171	Receptionists & Information Clerks	3,220	4,030	810	25.2	160
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	380	550	170	44.7	30
43-4999	Financial, Information, & Record Clerks, All Other	1,030	1,010	-20	-1.9	20
43-5011	Cargo & Freight Agents	420	470	50	11.9	20
43-5021	Couriers & Messengers	570	580	10	1.8	10
43-5031	Police, Fire, & Ambulance Dispatchers	260	300	40	15.4	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance	510	570	60	11.8	20
43-5041	Meter Readers, Utilities	130	130	0	0.0	0
43-5051	Postal Service Clerks	220	270	50	22.7	20
43-5052	Postal Service Mail Carriers	1,040	1,300	260	25.0	60
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	510	570	60	11.8	20
43-5061	Production, Planning, & Expediting Clerks	790	920	130	16.5	30
43-5071	Shipping, Receiving, & Traffic Clerks	2,600	2,660	60	2.3	60
43-5081	Stock Clerks & Order Fillers	5,320	5,140	-180	-3.4	200
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	210	250	40	19.0	10
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	40	40	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	4,750	5,050	300	6.3	120
43-6012	Legal Secretaries	490	630	140	28.6	20
43-6013	Medical Secretaries	720	790	70	9.7	20
43-6014	Secretaries, Except Legal, Medical, & Executive	5,580	5,490	-90	-1.6	110

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**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-9011	Computer Operators	570	460	-110	-19.3	10
43-9021	Data Entry Keyers	1,390	1,280	-110	-7.9	30
43-9022	Word Processors & Typists	330	220	-110	-33.3	10
43-9031	Desktop Publishers	140	180	40	28.6	0
43-9041	Insurance Claims & Policy Processing Clerks	1,050	1,060	10	1.0	20
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	610	610	0	0.0	20
43-9061	Office Clerks, General	8,980	9,790	810	9.0	280
43-9071	Office Machine Operators, Except Computer	310	310	0	0.0	10
43-9081	Proofreaders & Copy Markers	70	60	-10	-14.3	0
43-9111	Statistical Assistants	30	30	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	760	720	-40	-5.3	20
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>760</b>	<b>860</b>	<b>100</b>	<b>13.2</b>	<b>20</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	30	40	10	33.3	0
45-2011	Agricultural Inspectors	40	40	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	90	100	10	11.1	0
45-2091	Agricultural Equipment Operators	140	170	30	21.4	0
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	320	360	40	12.5	10
45-2093	Farmworkers, Farm & Ranch Animals	80	90	10	12.5	0
45-3011	Fishers & Related Fishing Workers	10	10	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	50	50	0	0.0	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>21,120</b>	<b>25,440</b>	<b>4,320</b>	<b>20.5</b>	<b>810</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	2,370	2,800	430	18.1	80
47-2011	Boilermakers	30	40	10	33.3	0
47-2021	Brickmasons & Blockmasons	200	240	40	20.0	0
47-2022	Stonemasons	80	90	10	12.5	0
47-2031	Carpenters	3,100	3,710	610	19.7	110
47-2041	Carpet Installers	330	380	50	15.2	20
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	90	100	10	11.1	0
47-2043	Floor Sanders & Finishers	10	10	0	0.0	0
47-2044	Tile & Marble Setters	230	300	70	30.4	10
47-2051	Cement Masons & Concrete Finishers	640	830	190	29.7	30
47-2061	Construction Laborers	2,840	3,510	670	23.6	110
47-2071	Paving, Surfacing, & Tamping Equipment Operators	200	240	40	20.0	0
47-2073	Operating Engineers & Other Construction Equipment Operators	1,510	1,750	240	15.9	60
47-2081	Drywall & Ceiling Tile Installers	230	300	70	30.4	20
47-2082	Tapers	80	110	30	37.5	0
47-2111	Electricians	1,590	2,000	410	25.8	70
47-2121	Glaziers	140	170	30	21.4	0
47-2130	Insulation Workers	250	310	60	24.0	20
47-2141	Painters, Construction & Maintenance	1,180	1,380	200	16.9	40
47-2142	Paperhangers	40	40	0	0.0	0
47-2151	Pipelayers	140	170	30	21.4	0
47-2152	Plumbers, Pipefitters, & Steamfitters	1,750	2,060	310	17.7	70
47-2161	Plasterers & Stucco Masons	140	170	30	21.4	0
47-2171	Reinforcing Iron & Rebar Workers	60	70	10	16.7	0
47-2181	Roofers	500	590	90	18.0	20

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-2211	Sheet Metal Workers	570	680	110	19.3	20
47-2221	Structural Iron & Steel Workers	110	130	20	18.2	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	260	280	20	7.7	10
47-3012	Helpers--Carpenters	390	470	80	20.5	30
47-3013	Helpers--Electricians	250	290	40	16.0	10
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	100	130	30	30.0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	290	310	20	6.9	10
47-3016	Helpers--Roofers	90	110	20	22.2	0
47-3019	Helpers, Construction Trades, All Other	130	170	40	30.8	10
47-4011	Construction & Building Inspectors	170	230	60	35.3	10
47-4021	Elevator Installers & Repairers	40	40	0	0.0	0
47-4031	Fence Erectors	40	40	0	0.0	0
47-4041	Hazardous Materials Removal Workers	160	230	70	43.8	10
47-4051	Highway Maintenance Workers	300	350	50	16.7	10
47-4061	Rail-Track Laying & Maintenance Equipment Operators	90	110	20	22.2	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	40	50	10	25.0	0
47-4999	Construction Trades & Related Workers, All Other	90	110	20	22.2	0
47-5011	Derrick Operators, Oil & Gas	10	10	0	0.0	0
47-5012	Rotary Drill Operators, Oil & Gas	40	50	10	25.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	30	40	10	33.3	0
47-5021	Earth Drillers, Except Oil & Gas	30	40	10	33.3	0
47-5041	Continuous Mining Machine Operators	10	10	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	20	10	100.0	0
47-5051	Rock Splitters, Quarry	20	20	0	0.0	0
47-5071	Roustabouts, Oil & Gas	40	50	10	25.0	0
47-5081	Helpers--Extraction Workers	70	80	10	14.3	0
47-5099	Extraction Workers, All Other	10	20	10	100.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>18,490</b>	<b>21,110</b>	<b>2,620</b>	<b>14.2</b>	<b>610</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	1,620	1,890	270	16.7	70
49-2011	Computer, Automated Teller, & Office Machine Repairers	790	860	70	8.9	20
49-2021	Radio Mechanics	30	20	-10	-33.3	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	1,530	1,460	-70	-4.6	30
49-2091	Avionics Technicians	160	180	20	12.5	0
49-2092	Electric Motor, Power Tool, & Related Repairers	120	130	10	8.3	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	70	80	10	14.3	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	210	240	30	14.3	10
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	30	30	0	0.0	0
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	20	20	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	210	230	20	9.5	0
49-2098	Security & Fire Alarm Systems Installers	90	110	20	22.2	0
49-3011	Aircraft Mechanics & Service Technicians	180	180	0	0.0	0
49-3021	Automotive Body & Related Repairers	660	770	110	16.7	20

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-3022	Automotive Glass Installers & Repairers	50	50	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	2,210	2,510	300	13.6	90
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,290	1,500	210	16.3	50
49-3041	Farm Equipment Mechanics	170	190	20	11.8	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	410	450	40	9.8	10
49-3043	Rail Car Repairers	150	180	30	20.0	0
49-3051	Motorboat Mechanics	10	20	10	100.0	0
49-3052	Motorcycle Mechanics	50	50	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine	70	80	10	14.3	0
49-3091	Bicycle Repairers	70	80	10	14.3	0
49-3092	Recreational Vehicle Service Technicians	20	20	0	0.0	0
49-3093	Tire Repairers & Changers	460	500	40	8.7	20
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers, All Other	10	10	0	0.0	0
49-9011	Mechanical Door Repairers	70	80	10	14.3	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	130	160	30	23.1	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	780	1,030	250	32.1	40
49-9031	Home Appliance Repairers	190	190	0	0.0	0
49-9041	Industrial Machinery Mechanics	580	670	90	15.5	20
49-9042	Maintenance & Repair Workers, General	3,260	3,910	650	19.9	130
49-9043	Maintenance Workers, Machinery	180	210	30	16.7	0
49-9044	Millwrights	170	200	30	17.6	0
49-9051	Electrical Power-Line Installers & Repairers	380	460	80	21.1	20
49-9052	Telecommunications Line Installers & Repairers	860	920	60	7.0	30
49-9061	Camera & Photographic Equipment Repairers	10	10	0	0.0	0
49-9062	Medical Equipment Repairers	40	50	10	25.0	0
49-9063	Musical Instrument Repairers & Tuners	30	40	10	33.3	0
49-9064	Watch Repairers	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	70	80	10	14.3	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	160	190	30	18.8	0
49-9094	Locksmiths & Safe Repairers	50	60	10	20.0	0
49-9095	Manufactured Building & Mobile Home Installers	70	80	10	14.3	0
49-9096	Riggers	40	50	10	25.0	0
49-9097	Signal & Track Switch Repairers	50	60	10	20.0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	340	410	70	20.6	20
49-9099	Installation, Maintenance, & Repair Workers, All Other	330	390	60	18.2	20
<b>51-0000</b>	<b>Production Occupations</b>	<b>27,460</b>	<b>29,710</b>	<b>2,250</b>	<b>8.2</b>	<b>850</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	1,960	2,230	270	13.8	70
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	40	40	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	50	40	-10	-20.0	0
51-2022	Electrical & Electronic Equipment Assemblers	1,140	1,030	-110	-9.6	30
51-2023	Electromechanical Equipment Assemblers	50	50	0	0.0	0
51-2031	Engine & Other Machine Assemblers	1,740	1,750	10	0.6	50
51-2041	Structural Metal Fabricators & Fitters	200	210	10	5.0	10
51-2091	Fiberglass Laminators & Fabricators	30	30	0	0.0	0
51-2092	Team Assemblers	3,340	3,460	120	3.6	100

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-2093	Timing Device Assemblers, Adjusters, & Calibrators	10	10	0	0.0	0
51-2099	Assemblers & Fabricators, All Other	380	370	-10	-2.6	10
51-3011	Bakers	350	410	60	17.1	20
51-3021	Butchers & Meat Cutters	260	260	0	0.0	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	220	240	20	9.1	10
51-3023	Slaughterers & Meat Packers	170	180	10	5.9	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	50	50	0	0.0	0
51-3092	Food Batchmakers	270	300	30	11.1	10
51-3093	Food Cooking Machine Operators & Tenders	90	110	20	22.2	0
51-3099	Food Processing Workers, All Other	50	60	10	20.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	450	520	70	15.6	20
51-4012	Numerical Tool & Process Control Programmers	30	30	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	130	140	10	7.7	10
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	60	60	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	50	50	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	440	480	40	9.1	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	70	70	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool	130	130	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	100	100	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	50	50	0	0.0	0
51-4041	Machinists	800	900	100	12.5	30
51-4051	Metal-Refining Furnace Operators & Tenders	10	20	10	100.0	0
51-4052	Pourers & Casters, Metal	10	10	0	0.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	20	20	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	220	220	0	0.0	10
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	120	130	10	8.3	0
51-4111	Tool & Die Makers	140	150	10	7.1	0
51-4121	Welders, Cutters, Solderers, & Brazers	1,000	1,160	160	16.0	50
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	30	40	10	33.3	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	20	20	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	60	60	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	40	30	-10	-25.0	0
51-4199	Metal Workers & Plastic Workers, All Other	80	80	0	0.0	0
51-5011	Bindery Workers	420	380	-40	-9.5	10
51-5012	Bookbinders	40	40	0	0.0	0



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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-5021	Job Printers	260	290	30	11.5	10
51-5022	Prepress Technicians & Workers	420	390	-30	-7.1	10
51-5023	Printing Machine Operators	960	1,050	90	9.4	30
51-5099	Printing Workers, All Other	70	80	10	14.3	0
51-6011	Laundry & Dry-Cleaning Workers	690	820	130	18.8	30
51-6021	Pressers, Textile, Garment, & Related Materials	190	230	40	21.1	0
51-6031	Sewing Machine Operators	650	740	90	13.8	20
51-6041	Shoe & Leather Workers & Repairers	10	10	0	0.0	0
51-6051	Sewers, Hand	30	30	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	110	120	10	9.1	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	40	40	0	0.0	0
51-6063	Textile Knitting & Weaving Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	20	20	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	50	50	0	0.0	0
51-6092	Fabric & Apparel Patternmakers	30	40	10	33.3	0
51-6093	Upholsterers	60	50	-10	-16.7	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	90	120	30	33.3	0
51-7011	Cabinetmakers & Bench Carpenters	200	220	20	10.0	10
51-7021	Furniture Finishers	60	70	10	16.7	0
51-7032	Patternmakers, Wood	10	10	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	50	50	0	0.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	140	130	-10	-7.1	0
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	20	0	0.0	0
51-8013	Power Plant Operators	100	110	10	10.0	0
51-8021	Stationary Engineers & Boiler Operators	60	70	10	16.7	0
51-8031	Water & Liquid Waste Treatment Plant & System	240	280	40	16.7	10
51-8091	Chemical Plant & System Operators	90	100	10	11.1	0
51-8092	Gas Plant Operators	40	50	10	25.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	90	100	10	11.1	0
51-8099	Plant & System Operators, All Other	60	70	10	16.7	0
51-9011	Chemical Equipment Operators & Tenders	70	80	10	14.3	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	110	130	20	18.2	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	90	90	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	80	90	10	12.5	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	340	340	0	0.0	10
51-9031	Cutters & Trimmers, Hand	50	60	10	20.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	210	250	40	19.0	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	130	130	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	40	40	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	1,200	1,360	160	13.3	50
51-9071	Jewelers & Precious Stone & Metal Workers	60	70	10	16.7	0
51-9081	Dental Laboratory Technicians	330	340	10	3.0	10
51-9082	Medical Appliance Technicians	30	40	10	33.3	0

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-9083	Ophthalmic Laboratory Technicians	110	110	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	1,340	1,640	300	22.4	60
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	260	280	20	7.7	10
51-9122	Painters, Transportation Equipment	110	140	30	27.3	0
51-9123	Painting, Coating, & Decorating Workers	50	60	10	20.0	0
51-9131	Photographic Process Workers	90	100	10	11.1	0
51-9132	Photographic Processing Machine Operators	240	260	20	8.3	10
51-9191	Cementing & Gluing Machine Operators & Tenders	120	120	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	20	20	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	10	0	0.0	0
51-9194	Etchers & Engravers	40	40	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	30	30	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	460	510	50	10.9	20
51-9197	Tire Builders	30	40	10	33.3	0
51-9198	Helpers--Production Workers	1,220	1,290	70	5.7	40
51-9199	Production Workers, All Other	770	900	130	16.9	30
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>35,520</b>	<b>40,350</b>	<b>4,830</b>	<b>13.6</b>	<b>1,230</b>
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	690	800	110	15.9	30
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	870	990	120	13.8	30
53-2011	Airline Pilots, Copilots, & Flight Engineers					
	Air Traffic Controllers	200	180	-20	-10.0	10
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	20	30	10	50.0	0
53-3021	Bus Drivers, Transit & Intercity	130	160	30	23.1	0
53-3022	Bus Drivers, School	2,140	2,490	350	16.4	90
53-3031	Driver/Sales Workers	1,720	1,830	110	6.4	40
53-3032	Truck Drivers, Heavy & Tractor-Trailer	8,790	10,510	1,720	19.6	310
53-3033	Truck Drivers, Light or Delivery Services	3,700	4,430	730	19.7	100
53-3041	Taxi Drivers & Chauffeurs	320	370	50	15.6	10
53-3099	Motor Vehicle Operators, All Other	260	300	40	15.4	0
53-4011	Locomotive Engineers	250	310	60	24.0	20
53-4012	Locomotive Firers	10	10	0	0.0	0
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	20	20	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	190	190	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	210	270	60	28.6	20
53-4099	Rail Transportation Workers, All Other	20	20	0	0.0	0
53-6021	Parking Lot Attendants	40	40	0	0.0	0
53-6031	Service Station Attendants	320	360	40	12.5	20
53-6041	Traffic Technicians	20	30	10	50.0	0
53-6051	Transportation Inspectors	80	80	0	0.0	0
53-6099	Transportation Workers, All Other	40	40	0	0.0	0
53-7011	Conveyor Operators & Tenders	100	110	10	10.0	0
53-7021	Crane & Tower Operators	90	110	20	22.2	0
53-7031	Dredge Operators	10	10	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	120	150	30	25.0	0

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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-7041	Hoist & Winch Operators	20	30	10	50.0	0
53-7051	Industrial Truck & Tractor Operators	2,460	2,770	310	12.6	80
53-7061	Cleaners of Vehicles & Equipment	1,080	1,230	150	13.9	60
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	7,300	7,520	220	3.0	260
53-7063	Machine Feeders & Offbearers	710	710	0	0.0	20
53-7064	Packers & Packagers, Hand	2,810	3,300	490	17.4	100
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	50	60	10	20.0	0
53-7081	Refuse & Recyclable Material Collectors	480	620	140	29.2	20
53-7121	Tank Car, Truck, & Ship Loaders	20	20	0	0.0	0
53-7199	Material Moving Workers, All Other	140	150	10	7.1	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.